Panasonic WV-S2131L captures the highest quality images automatically even in very challenging and fast-changing surveillance environments. Intelligent Auto (iA) monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects. New industry-leading 144dB dynamic range delivers balanced scene exposure in dynamic and extreme-backlit lighting environments. In addition, color night vision provides outstanding low-light performance with accurate color rendition and saturation from i-Pro's 1/3" sensor, rivaling the performance of costlier 1/2" sensor cameras in the market. Adopting H.265 Smart Coding technology, intelligently reduces bandwidth efficiency of up to an average 75 percent over H.264 for longer recording and less storage. Cameras out-of-the-box, support full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured.

Extremely image quality for evidence capturing under challenging conditions.
- Auto Shutter speed control for fast moving vehicles
- Sharp and clear image of a walking person day & night
- Outstanding low light performance in true color with low noise for night time applications
- Super Dynamic 144dB for backlit situation and shadows on the streets at night

Extremely H.265 compression with new Smart Coding
- Longer recording, less storage compared to any H.264 based compression techniques
- New self-learning ROI* encoding (Auto VIQS) dynamically detect motion areas to keep vehicles and human in good picture quality while lowering your bandwidth
- New “Smart Facial Coding” adds more bandwidth reduction for ID camera applications mainly capturing faces

* Region of Interest

Extremely Data Security
- Full encryption SD card edge recording to keep your data safe
- FIPS 140-2 Level 1 compliant
- Full end-to-end system encryption with supported VMS and devices to protect from IP snooping/spoofing and detect data alteration

Key Features
- Full HD 1080p 60fps
- iA (intelligent Auto)
- Extreme Super Dynamic 144dB
- Color night vision (0.0008 to 0.012 lx)
- H.265 Smart Coding
- FIPS 140-2 Level 1 compliant

Applications
- Airport (Passport control / Security checkpoint / Ticket counter)
- Retail / Bank / Education / Hospital / Building
### Specifications

#### Camera
- **Image Sensor**: Approx. 1/3 type MOS image sensor
- **Minimum Illumination**: Color: 0.012 lx, BW: 0.006 lx
- **Shutter**: (F/1.6, Maximum shutter: Max. 1/100, AGC: 11) BW: 0.01x (F/1.6, Maximum shutter: ON/OFF, AGC: 11, when the IR LED is ON)
- **White Balance**: AWC: (2,500 - 9,000 K), ATW: (2,700 - 9,000 K), ATW6 (2,000 - 6,000 K)
- **Minimum Gain (RCG)**: Off or Up to 20 characters (alphabetic characters, marks)
- **Focus Adjustment**: Auto back focus / Manual
- **Focal length**: 2.8 - 10 mm (W: 10.5 mm) / 15 - 50 mm (E: 37.5 mm)
- **Zoom ratio**: 3.6 x (Motorized zoom / Auto Focus)
- **Focusing Range**: 0.3 m {11-13/16 inches} – ∞
- **Angular Field of View**: [16 : 9 mode] Horizontal: 30° (TELE) – 110° (WIDE), Vertical: 17° (TELE) – 59° (WIDE)
- **Maximum Aperture Ratio**: (WIDE) 1.6 / (TELE) 1.4

#### Network
- **Network Interface**: 10Base-T / 100Base-TX, RJ45 connector
- **Audio Output**: 0.35 mm stereo mini jack
- **Microphone/Line input**: ( applicable microphone : Plug-in power type)
- **Power Source and External I/O Terminals**: DC48 V / 150 mA / Approx. 7.2 W (Class 0 device)
- **Supported Protocols**: ARP, IEEE 802.1X, DiffServ
- **Supported Network**: IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, RTP, FTP, SMTP, DNS, ARP, TFTP, DHCPv4, MLD, ICMP, ARP, IEEE 802.1X, Diffserv
- **Audio Compression**: G.722 (ADPCM) : 32 kbps / 16 kbps, G.711 : 64 kbps
- **Audio Transmission Mode**: Off / Mic (Line) input / Audio output / Interactive (half duplex) / Interactive (Full duplex)

#### Appearance
- **Unit**: mm (inches)
  - **SR40(1-9/16")**
  - **WV-Q174B**

#### Optional Accessories
- **Ceiling Mount Bracket**: VW-Q105A
- **Embedded Ceiling Mount Bracket**: VW-Q174B
- **Dome Cover (Smoke type)**: WC-F56A

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**Important**
- Safety Precaution: Carefully read the Important Information, Installation Guide and operating instructions before using this product.
- Panasonic cannot be responsible for the performance of the network and/or other manufacturers’ products used on the network.